

**FIGURE 1A**

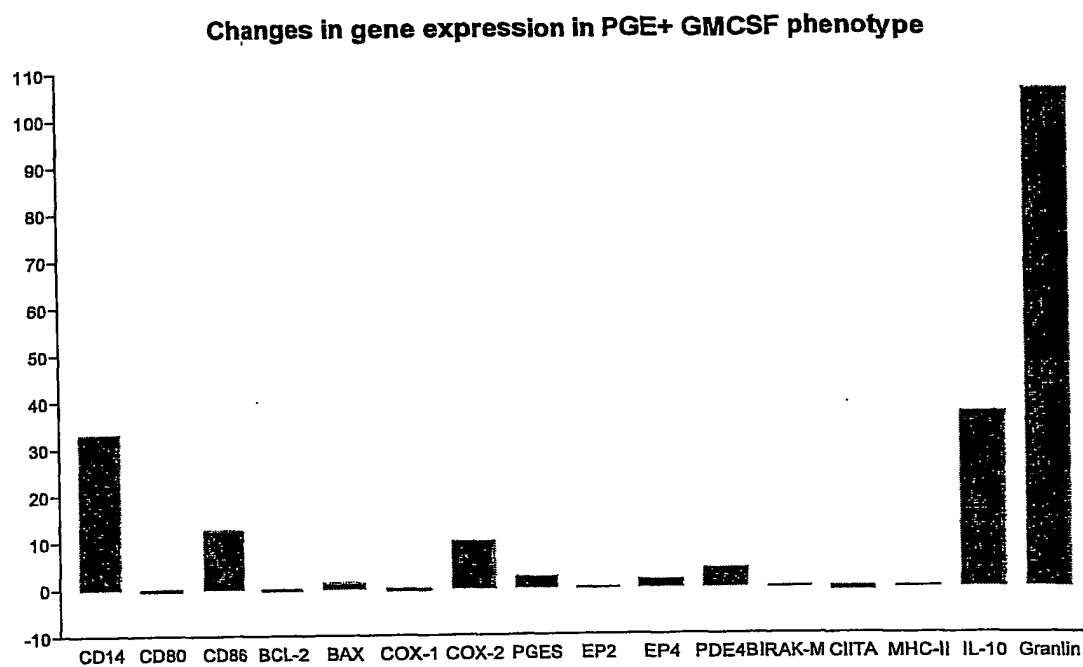
Human GMCSF cDNA. GenBank Accession No. NM\_000758

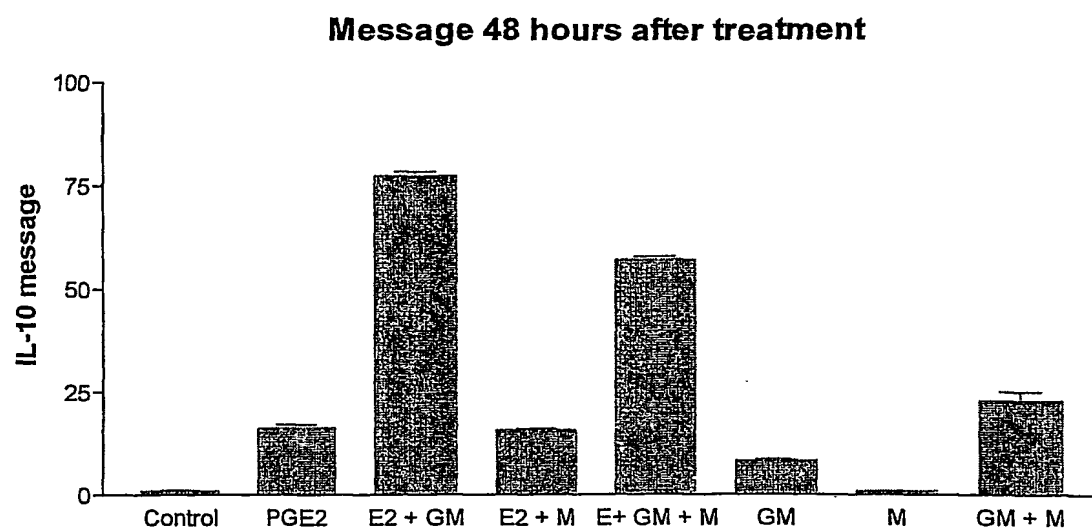
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121 aggcccggcg tctcctgaac ctgagtagag aactgctgc tgagatgaat gaaacagtag
181 aagtcattct agaaatgttt gacctccagg agccgacctg cctacagacc cgcctggagc
241 tgtacaagca gggcctgcgg ggcagcctca ccaagctcaa gggccccttg accatgatgg
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361 tcacctttga aagtttcaaa gagaacctga aggactttct gcttgtcatc ccctttgact
421 gctgggagcc agtccaggag tgagaccggc cagatgaggc tggccaagcc ggggagctgc
481 tctctcatga aacaagagct agaaactcag gatgggtcatc ttggaggggac caaggggttg
541 gccacagcca tgggtgggagt ggcctggacc tgccctgggc cacactgacc ctgatacagg
601 catggcagaa gaatgggaat attttatact gacagaaatc agtaatatat atatatttat
661 atttttaaaa tttttattta tttatttatt taagttcata ttccatatat attcaagatg
721 ttttaccgta ataattatta ttaaaaatat gcttct
```

**FIGURE 1B**

Human GMCSF polypeptide. GenBank Accession No. NM\_000758

```
1 MWLQSLLLLG TVAC SISAPA RSPSPSTQPW EHVNAIQEAR RLLNLSRDTA AEMNETVEVI
61 SEMFDLQEPT CLQTRLELYK QGLRGS LTKL KGPLTMMASH YKQHCPTPE TSCATQTITF
121 ESFKENLKDF LLVIPDCWE PVQE
```

**FIGURE 2**

**FIGURE 3**

**FIGURE 4**

**IL-10 release after 4hour  
treatment and 20 hours culture**

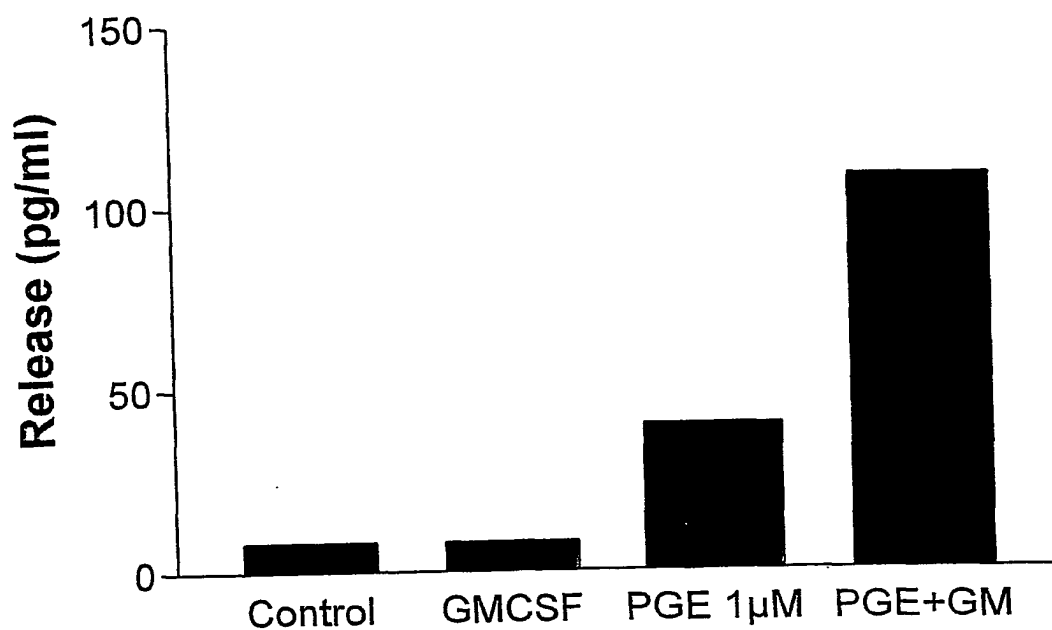


Figure 5A

13/3/00 IL-12 P35

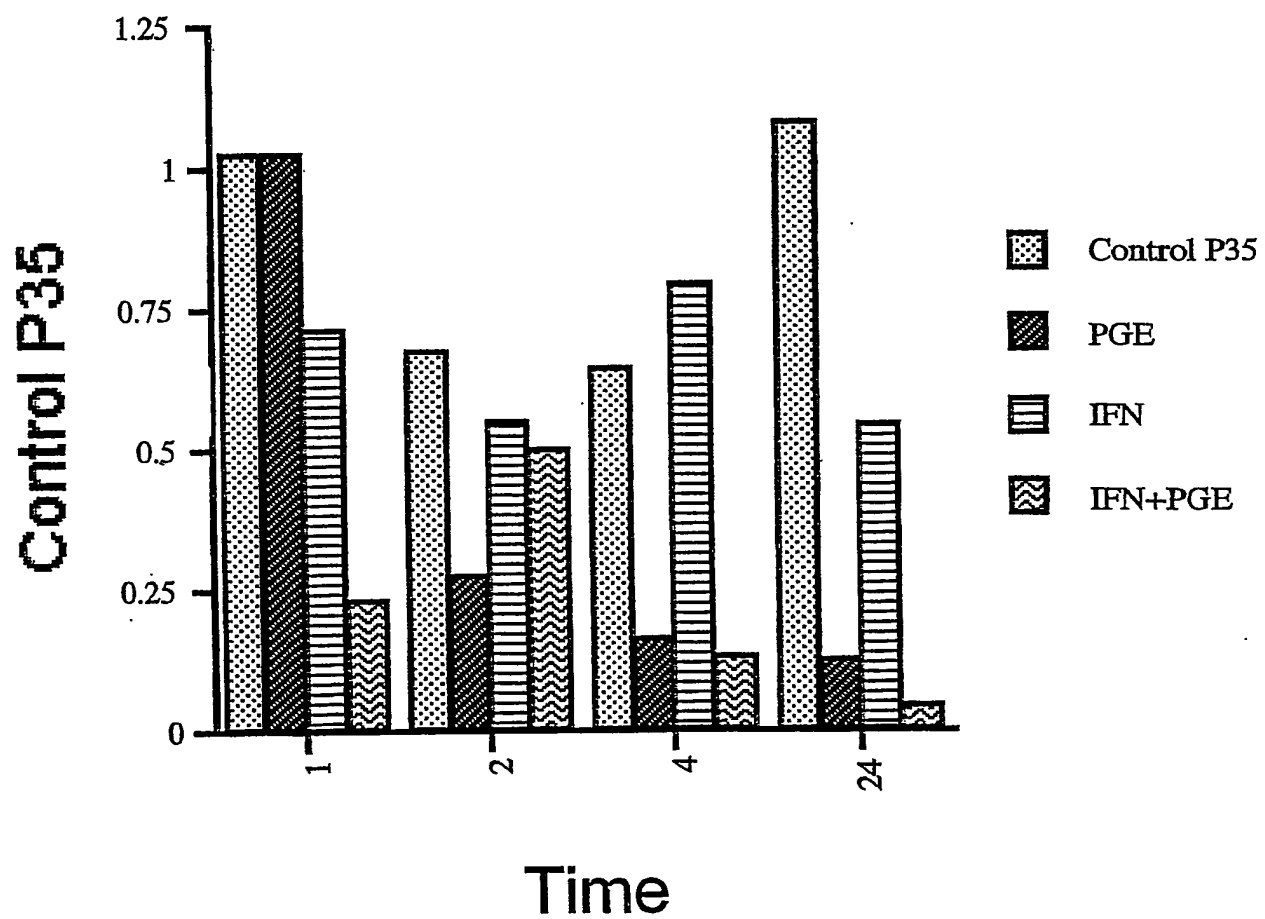


Figure 5B

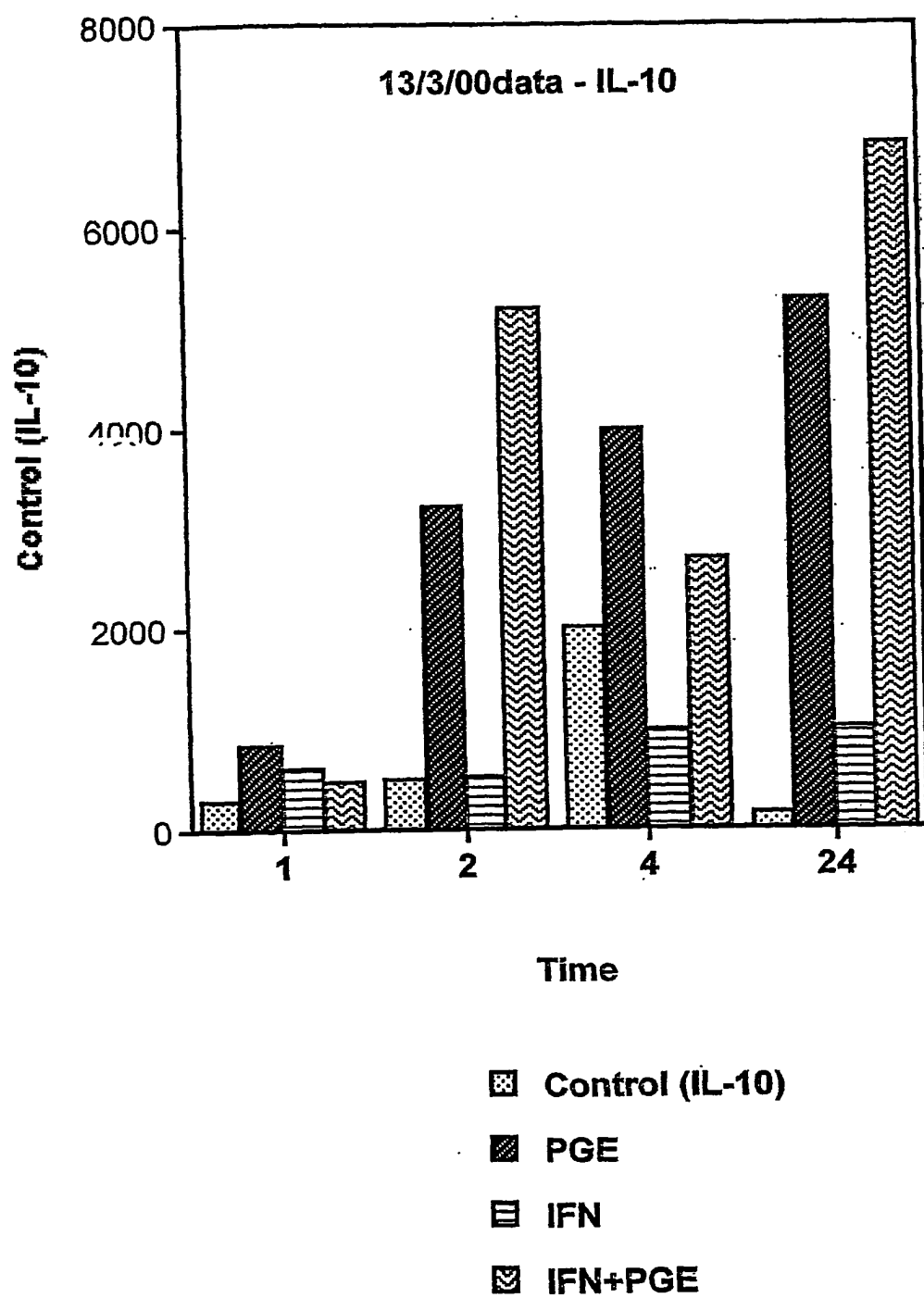


Figure 6A

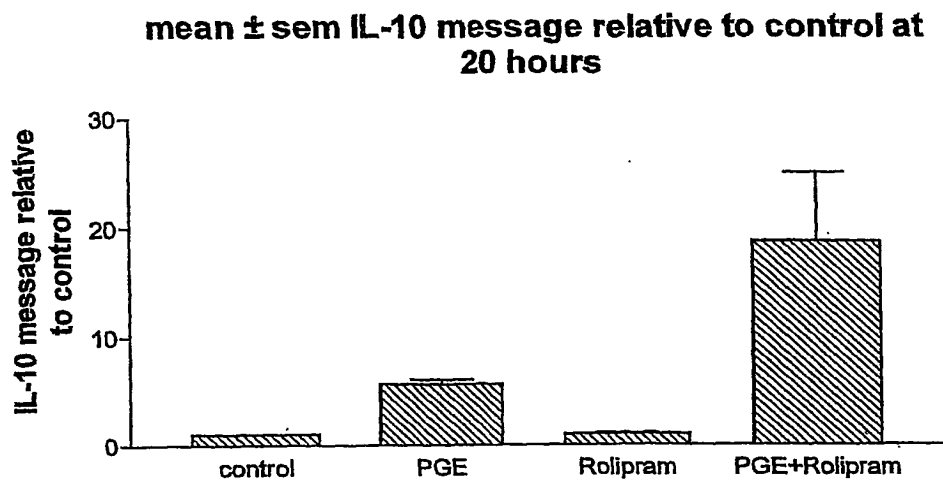


Figure 6B

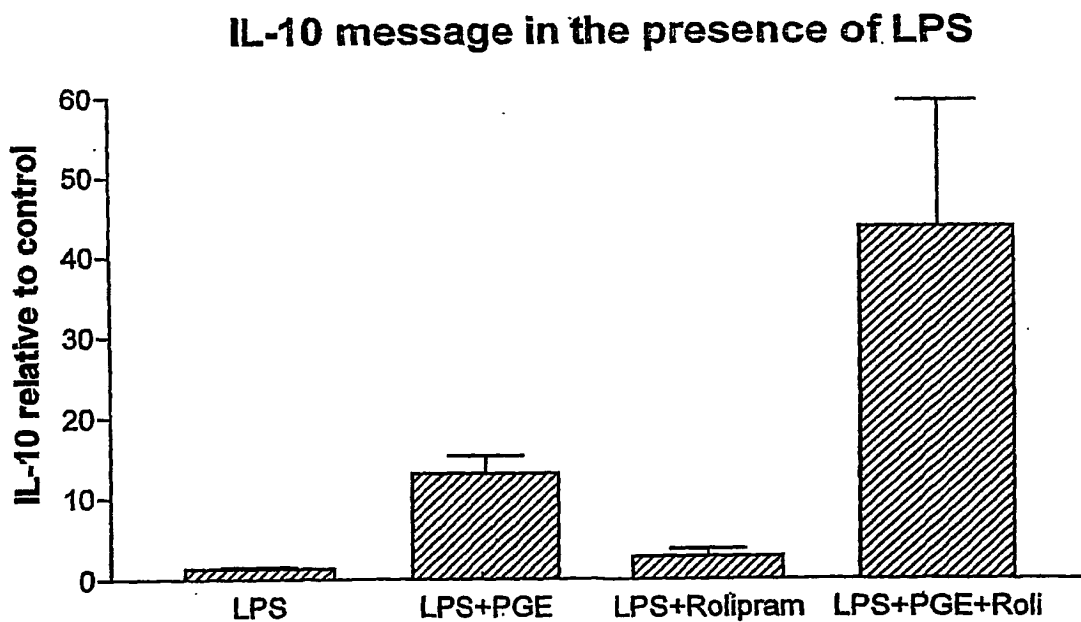


Figure 6C  
IL-10 release in presence of LPS

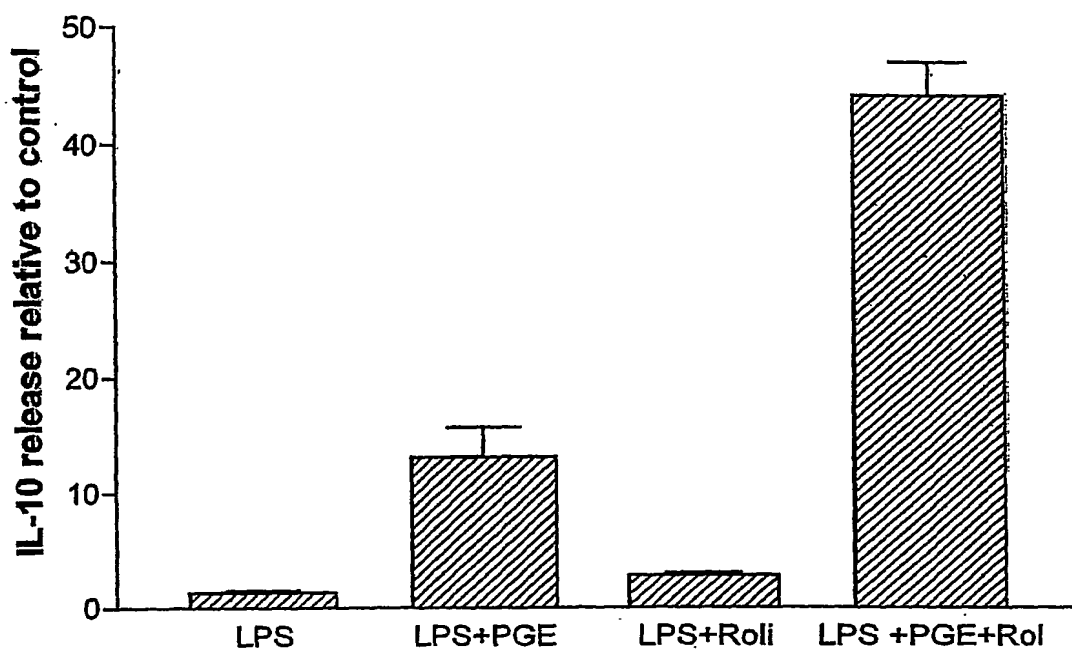
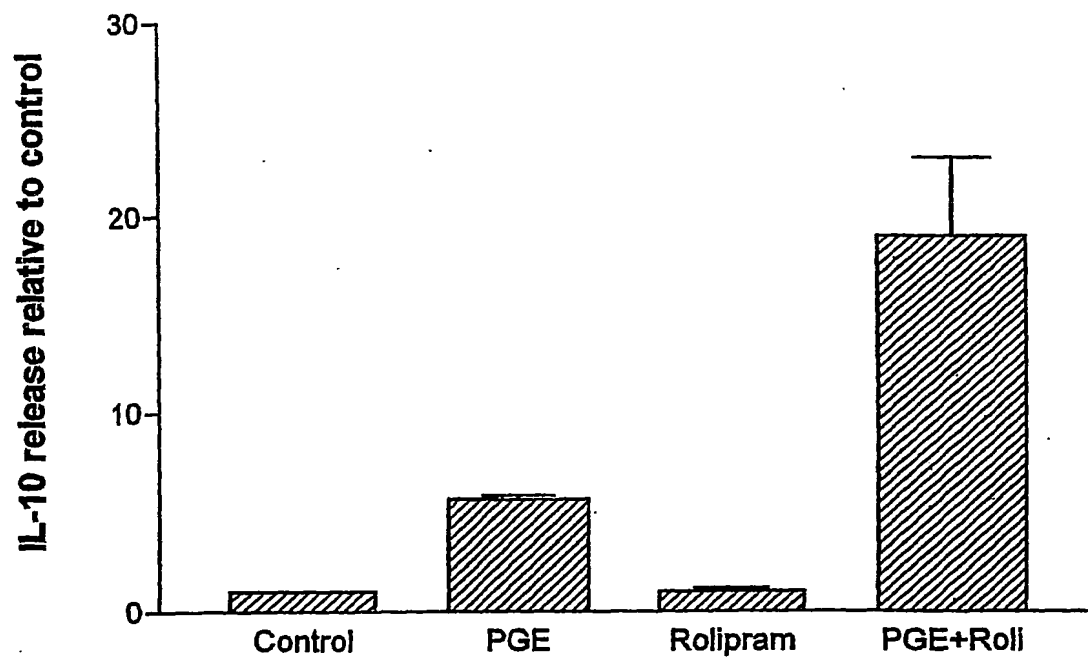


Figure 6D  
IL-10 release no LPS





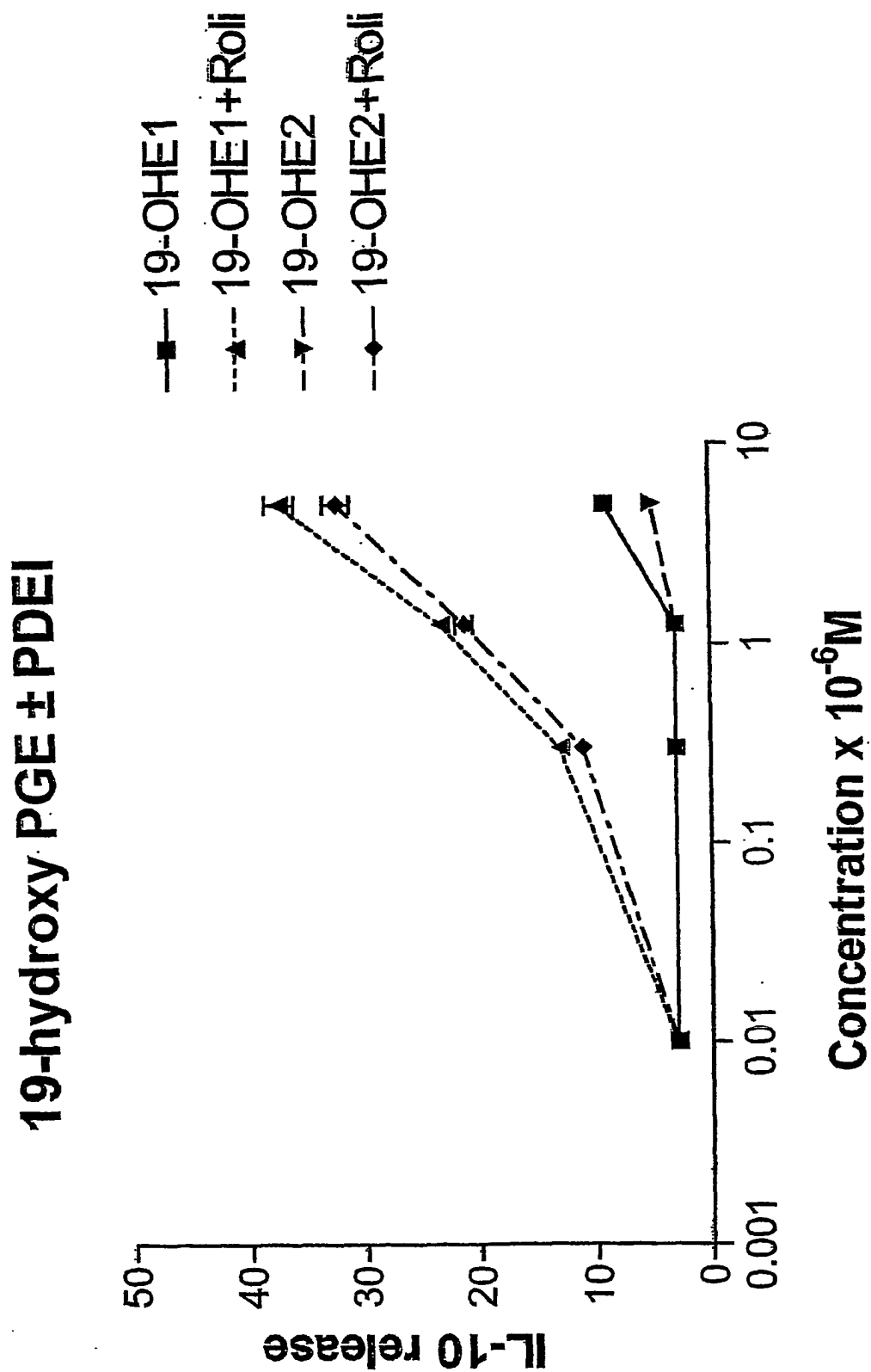


FIGURE 7

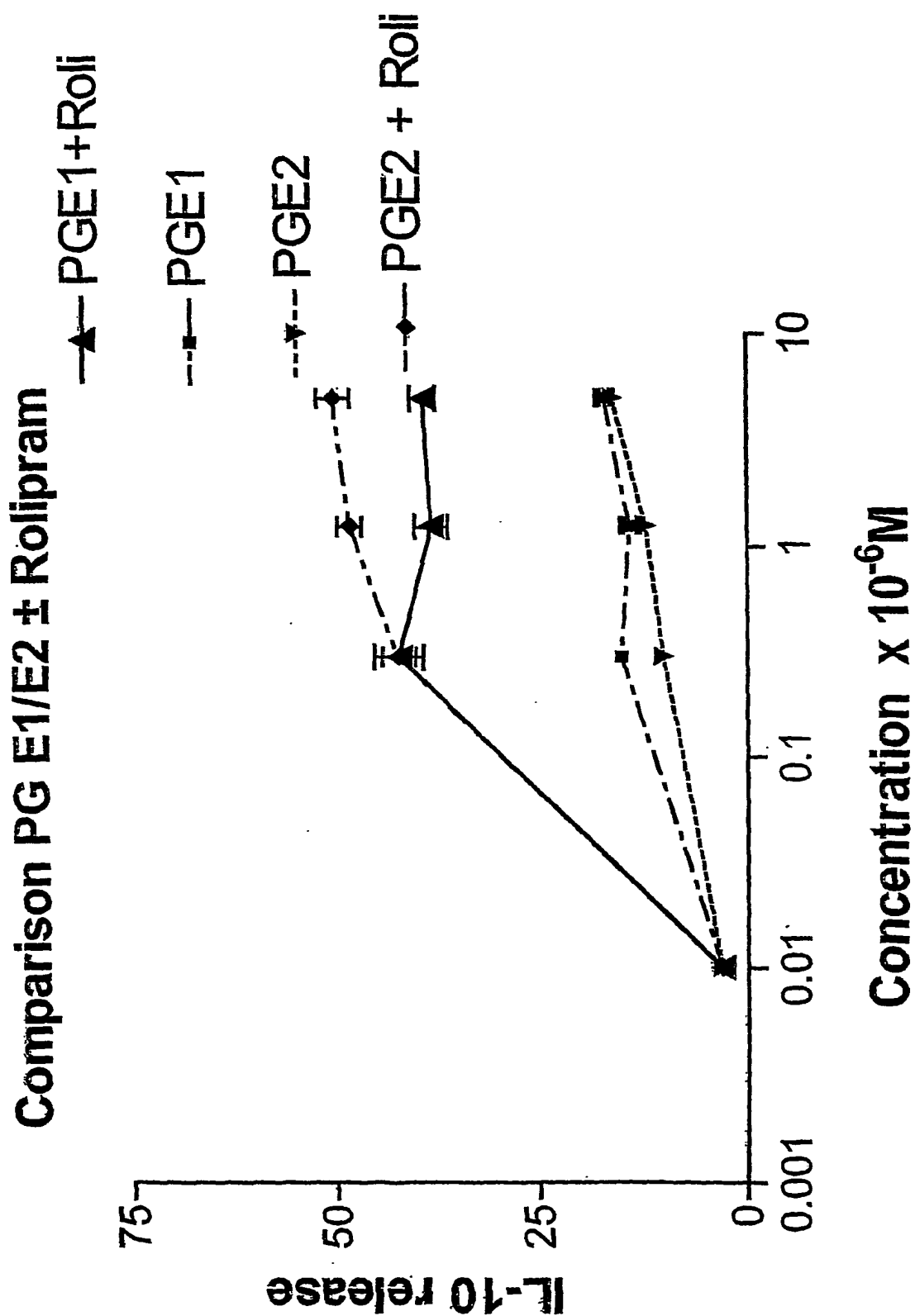


FIGURE 8

# Phosphodiesterase IVb mRNA (20 Hours)

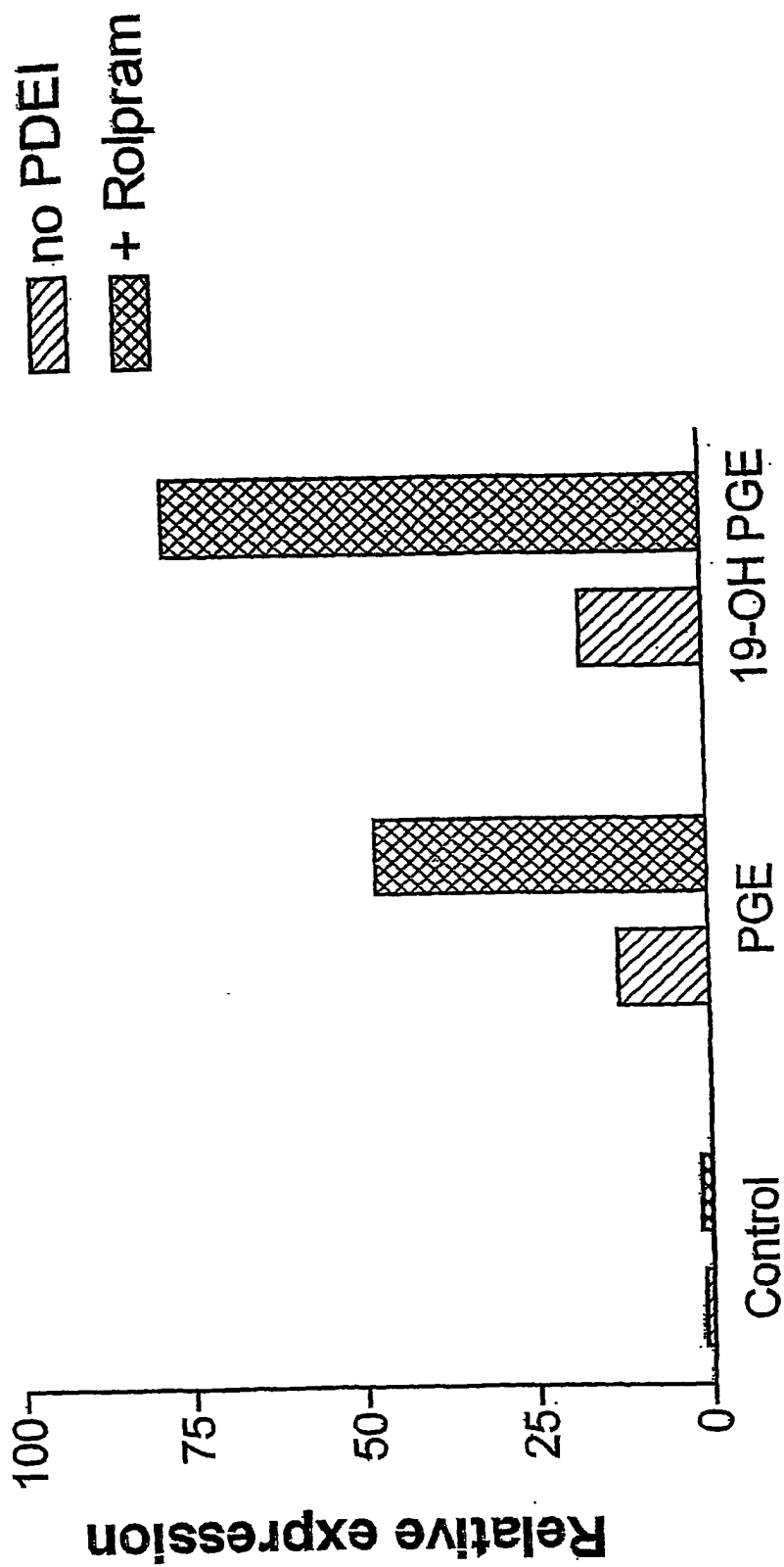


FIGURE 9

# Stem-Cell Lineages

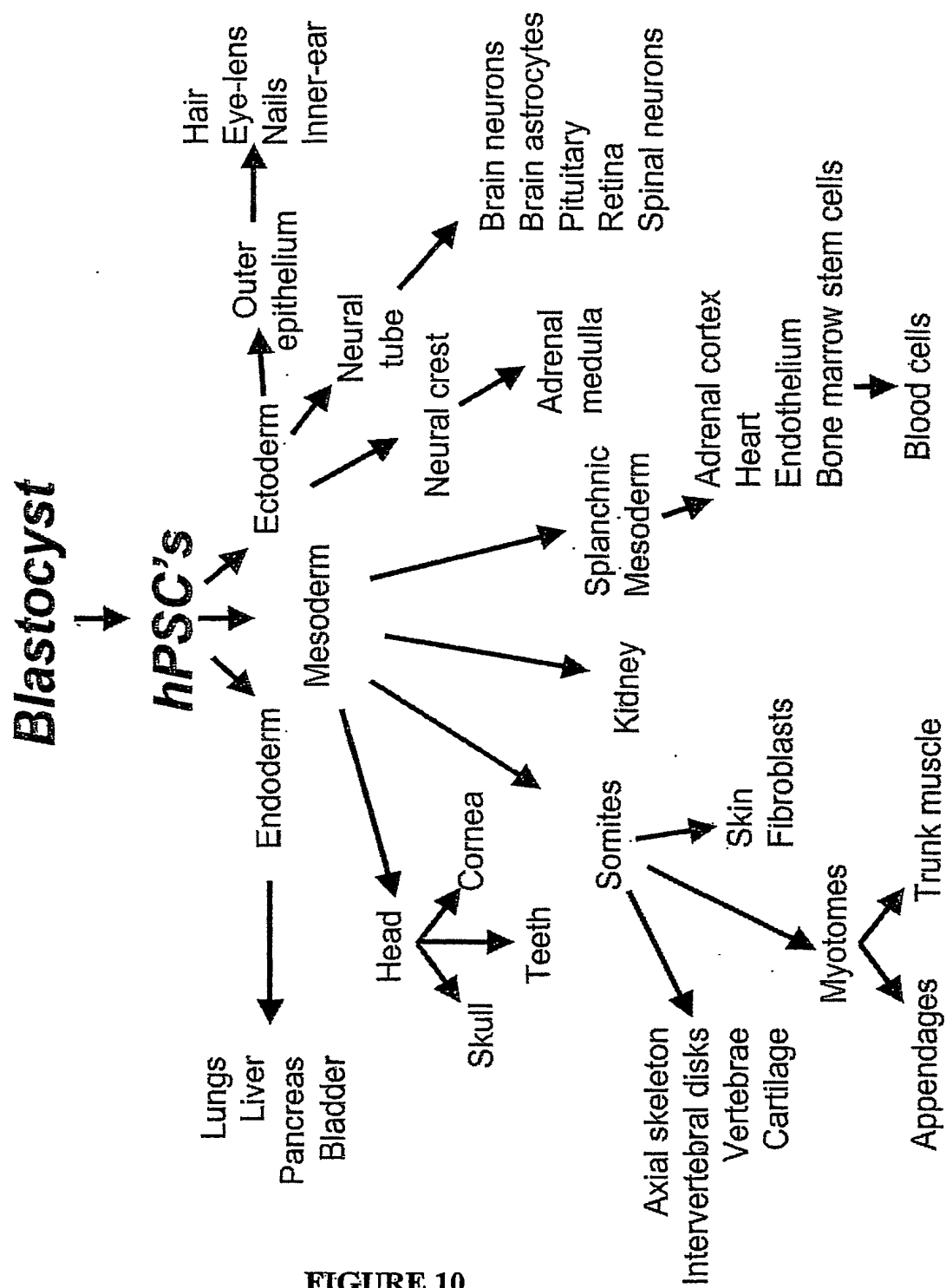
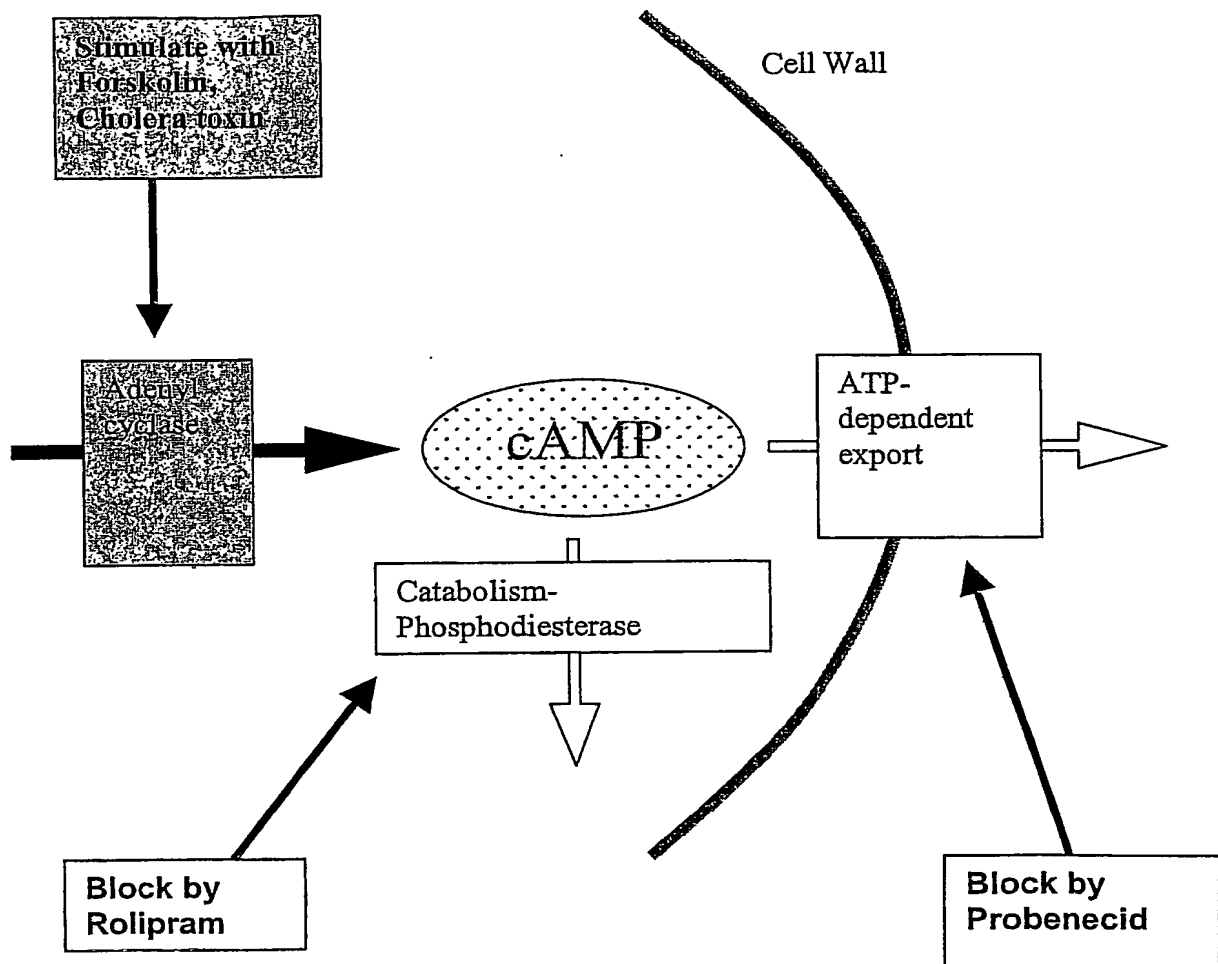


FIGURE 10

Figure 11



Agents controlling intracellular cAMP. Open arrows are effectively lowering intracellular cAMP levels. Solid arrow is stimulation. Combinations will be synergistic.

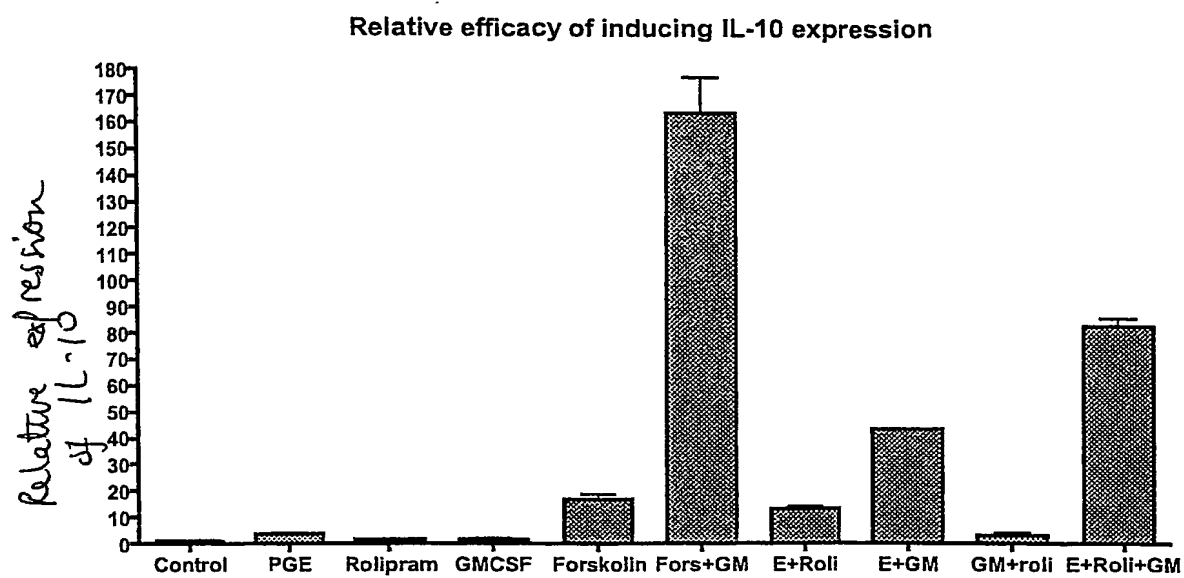


Figure 12

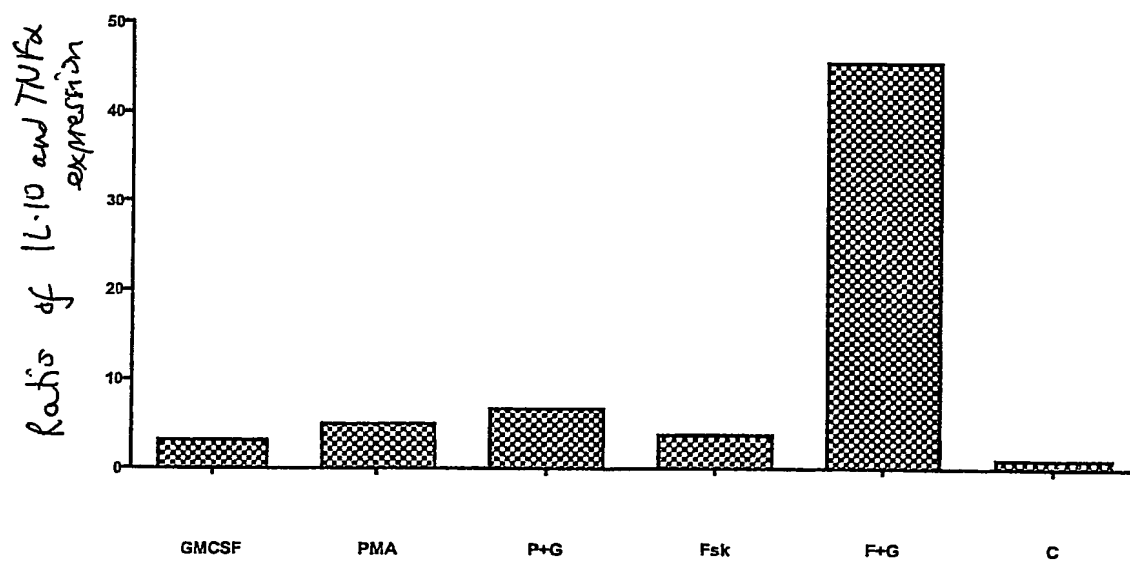
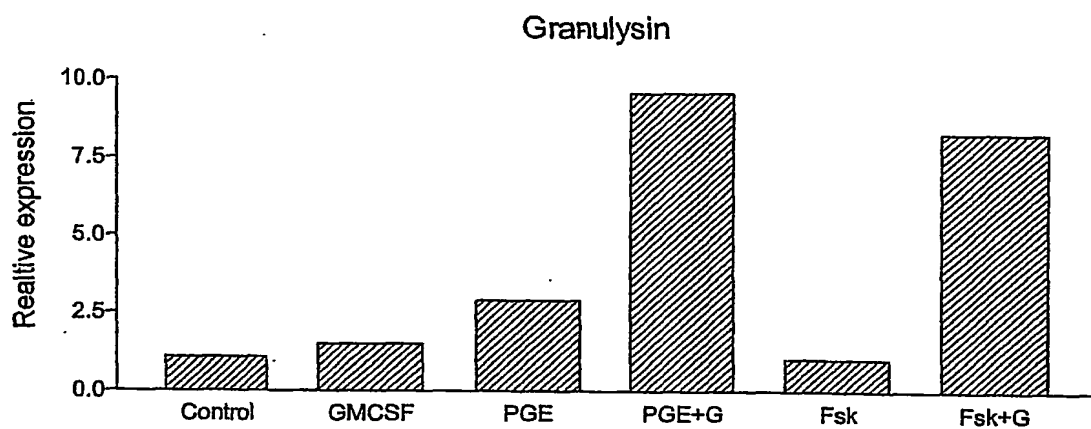


Figure 13

**Figure 14**

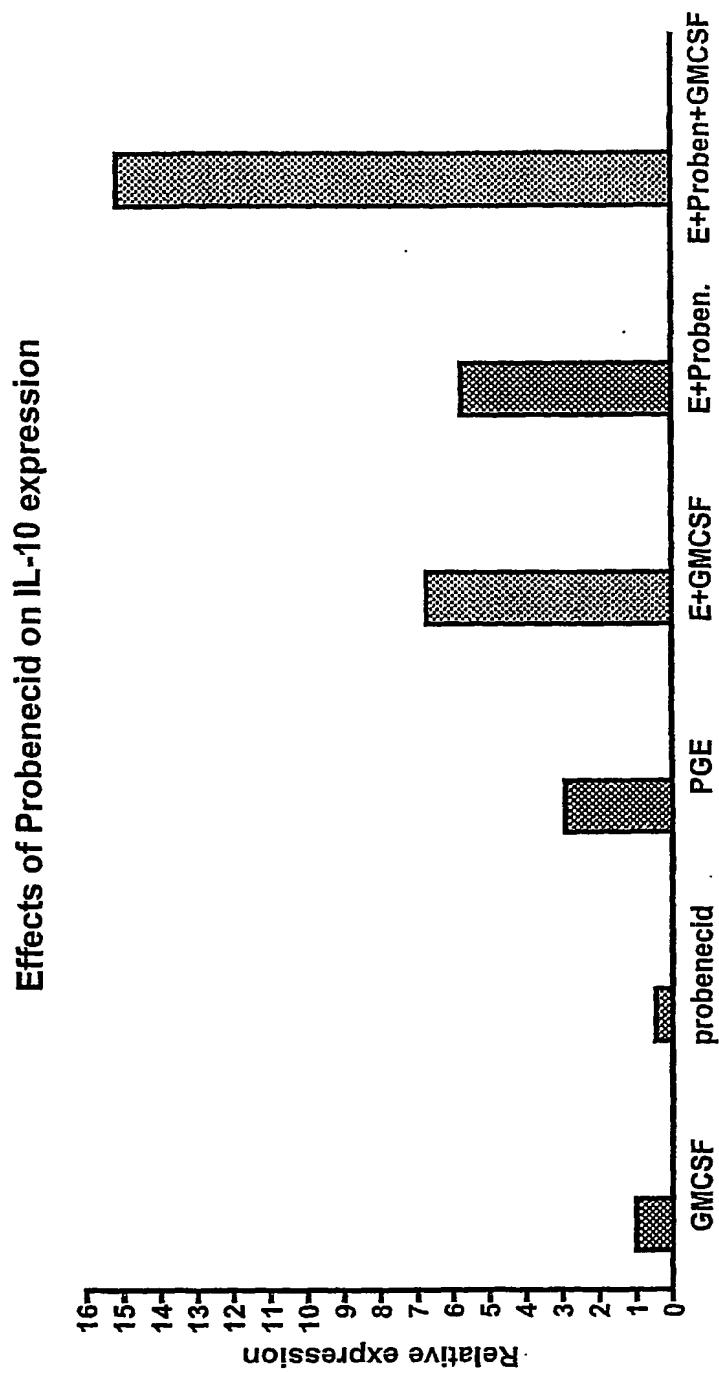


Figure 15